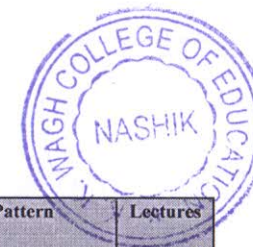


K.K.Wagh Education Society's
K.K.Wagh College of Education, DGP Nagar, Nashik
Micro Planning 2022-2023 (F.Y.B.Ed)



Course - 106-08: UNDERSTANDING DISCIPLINES AND SCHOOL SUBJECTS - GENERAL SCIENCE

Unit No	Unit Name	Sub Topic	Teaching Methodology	Research Paper Discussed	Activities Planned A/V Input	Case Study/Program me Planned	Reference Book/ Website	Other	Assesment Pattern	Lectures
1	A) Life on Earth	1. Cell: The Unit of Life	Discussion cum Lecture method	https://www.toppr.com/guides/biology/cell-the-unit-of-life/	PPT Presentation		The text books and the reference books which are prescribed by the Maharashtra State Board of Secondary and Higher Secondary Education are recommended for study		Draw a neat labelled diagram of Animal Cell and Explain the five part of Animal cell.	2
		2. Genetic Basis of inheritance	Interaction	https://www.researchgate.net/publication/354681796_Basic_genetics_and_patterns_of_inheritance	PPT Presentation			Explain the Mendales law of Inheritance	1	
		3. Plant and Animal Life	Flipped Classroom	https://www.researchgate.net/publication/351317158_Plant-Animal_Interactions_Source_of_Biodiversity	PPT Presentation			Draw a neat & labelled diagram of "Plant Cell". Explain the functions of any five parts of plant cell	1	
		4. Organ System (only humans)	Brain Storming	(PDF) ORGAN-SYSTEMS. AN ESSAY ON A SYSTEMATIC APPROACH TO HUMAN ORGANS WITH EMPHASIS ON THEIR FUNCTIONS (researchgate.net)	PPT Presentation			Draw a neat labelled diagram of Kidney. Explain the functions of Kidney. [2	
	B) Concepts of Chemistry	1.Chemistry of Carbon Compounds – Hydrocarbons	Blended Learning	https://www.researchgate.net/topic/Hydrocarbon/publications	PPT Presentation			What is allotropy? Write the uses of three carbon allotrops	1	
		2.Metals and Non-metals	Interaction	https://www.researchgate.net/publication/339063886_Organising_the_metals_and_nonmetals	PPT Presentation			What is the difference between Metals and Non Metatals.	2	
		3.Chemical Reactions and Chemical Equations	Discussion cum Lecture method	https://www.researchgate.net/publication/336567001_Concept_of_chemical_reaction_in_chemistry_textbooks	PPT Presentation			Explain oxidation & Reduction reaction with suitable examples.	3	
2	A) Concepts in Physics	1.Motion, Energy and Force	Flipped Classroom	https://www.researchgate.net/publication/340039315_Mechanics_force_mass_acceleration_energy_work_power	PPT Presentation			Explain Newton's three laws of motion.	2	
		2. Heat and Light	Interaction	https://www.researchgate.net/publication/343718366_Family_Conversations_About_Heat_and_Temperature	PPT Presentation		Write the in details about Heats and Light	3		
		3. Electric Current and Magnetism	Discussion cum Lecture method	https://www.researchgate.net/publication/366740370_MAGNETISM_AND_ELECTROMAGNETISM	PPT Presentation		Write the properties & uses of magnet	2		
		4. Sound and Wave	Brain Storming	https://www.researchgate.net/publication/373332585_Sound_and_Waves	PPT Presentation		Write the characteristics of sound waves	2		

B) Environmental Science	1. Biodiversity and Ecosystem	Flipped Classroom	http://www.researchgate.net/publication/322209175_Biodiversity	PPT Presentation		What are the effects of increased population on ecosystems	2
	2. Microorganism	Brain Storming	https://www.researchgate.net/publication/307644987_Microorganisms-A_Journal_and_a_Unifying_Concept	PPT Presentation		Explain the types of Micro organism	3
	3. Striving for a better environment – Waste Management, Vermicompost pit	Discussion cum Lecture method	https://www.sciencedirect.com/science/article/pii/S2667010023000719	PPT Presentation		Explain the Waste Management, Vermicompost pit details.	3
	4. Conservation of Resources	Interaction	https://www.researchgate.net/publication/313837879_Conservation_of_Resources_Theory	PPT Presentation		Write the causes of "Soil Pollution"	3




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